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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/272,922	03/19/1999	SCOTT A. LLOYD	JAIC.66141	6257

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EXAMINER
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ANYA, CHARLES E

ART UNIT	PAPER NUMBER
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2126

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DATE MAILED: 12/30/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Applicati n N .

09/272,922

Applicant(s)

LLOYD ET AL.

Examin r

Charles E Anya

Art Unit

2126

-- The MAILING DATE of this communication appears n the cover sheet with the c rrespondenc address --  
Period f r Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 10 October 2003.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 72-108 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 72-108 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. §§ 119 and 120**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some \* c) ☐ None of:  
1. ☐ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  
\* See the attached detailed Office action for a list of the certified copies not received.
- 13) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.  
a) ☐ The translation of the foreign language provisional application has been received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_\_. 6) ☐ Other: \_\_\_\_\_

**DETAILED ACTION**

***Claim Rejections - 35 USC § 112***

1. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

**Claim 76 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.**

Claim 76 recites the limitation "said means for interfacing a single protocol" in lines 1 – 2. There is insufficient antecedent basis for this limitation in the claim. For the purpose of this office action the Examiner would assume that the phrase "said means for interfacing a single protocol" means "said means for interfacing the protocol".

***Claim Rejections - 35 USC § 102***

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

**Claims 72 – 76, 78 – 81, 83 – 96, 100 – 102, 106 – 108 are rejected under 35 U.S.C. 102( ) as being anticipated by U.S. Pat. No. 6,496,936 B1 to Ono et al.**

As to claim 72, Ono teaches a golf tee-time reservation system for implementing seamless real time access to one or more golf courses, the system comprising: means for inputting a tee-time request (Client Apparatus 2 Col. 7 Ln. 32 – 67, Col. 8 Ln. 1 – 35, Col. 13 Ln. 66 – 67, Col. 14 Ln. 1 – 4), means for interfacing a protocol with one or more different protocols (Channel 3 Col. 9 Ln. 9 – 17), means for issuing one or more tee-time transactions to one or more golf course reservation systems (“...transmits...” Col. 14 Ln. 66 – 67, Col. 14 Ln. 1 – 4), means for displaying one or more tee-time schedules (Reservation Setting Display (for members/for visitors) 402/403 Col. 14 Ln. 53 – 67, Col. 15 Ln. 1 – 6), means for reserving one or more tee-time from the one or more golf course in real time (Data Communication System 1 Col. 13 Ln. 50 – 67).

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As to claim 73, Ono teaches the means for inputting a tee-time request to include a user graphical user interface (“...user interface...” Col. 8 Ln. 1 – 3).

As to claim 74, Ono teaches the graphical user interface to include a networked based interface (“...internet...” Col. 7 Ln. 64 – 67, Col. 8 Ln. 1 - 3).

As to claim 75, see the rejection of claim 74.

As to claim 76, Ono teaches the means for interfacing the protocol with one or more different protocols to include a server computer (Server Apparatus 4 Col. 7 Ln. 32 – 67, Col. 8 Ln. 1 – 35).

As to claim 78, Ono teaches the computer server is coupled with the graphical user interface (Input/Output Controlling Unit 22 Col. 7 Ln. 64 – 67, Col. 8 Ln. 1 – 28).

As to claim 79, see the rejection of claim 76.

As to claim 80, see the rejection of claim 74.

As to claim 81, Although performing the real time concurrent processing using a central processing unit the data communication system inherently includes a central processing unit.

As to claims 83, 84, 85, 86 and 87, see the rejection of claim 72.

As to claim 88, see the rejection of claim 74.

As to claim 89, see the rejection of claim 75.

As to claims 90 and 91, see the rejection of claim 73.

As to claim 92, see the rejection of claim 83.

As to claim 93, see the rejection of claim 78.

As to claim 94, see the rejection of claim 76.

As to claim 95, Ono teaches the one or more computer server as database servers (Server Apparatus 4 Col. 13 Ln. 50 – 67, Col. 14 Ln. 1 – 15).

As to claim 96, see the rejection of claim 95.

As to claim 100, Ono teaches the one or more computer servers as a network server (“...internet...” Col. 13 Ln. 50 – 65).

As to claim 101, see the rejection of claims 72 and 100. As to claim 102, Ono teaches the one or more computer servers as a customer server (“...members...visitors...” Col. 13 Ln. 66 – 67, Col. 14 Ln. 1 – 3, Col. 14 Ln. 65 – 67).

As to claim 102, see the rejection of claim 76.

As to claim 106, see the rejection of claim 74.

As to claim 107, see the rejection of claim 72.

As to claim 108, see the rejection of claim 73.

***Claim Rejections - 35 USC § 103***

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

**Claims 77,82,103,104 and 105 are rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Pat. No. 6,496,936 B1 to Ono et al. in view of U.S. Pat. No. 5,781,892 to Hunt et al.**

As to claim 77, Ono is silent with reference to the computer server as comprising of software translation package for interfacing the protocol with the one or more different protocols.

Hunt teaches computer server as comprising of software translation package for interfacing the protocol with the one or more different protocols (Gateway Application 22 Col. 4 Ln. 39 – 67, Col. 5 Ln. 1 – 67, Col. 6 Ln. 1 – 8). It would have been obvious to apply the teaching of Hunt to the system of Ono. One would have been motivated to make such a modification convert application commands and handle data normalization (Col. 5 Ln. 11 – 22).

As to claim 82, Ono is silent with reference to dividing transaction into multiple sub-processes for processing within one clock cycle.

Hunt teaches dividing transaction into multiple sub-processes for processing within one clock cycle (“...transactional mode...” Col. 6 Ln. 9 – 21, Col. 6 Ln. 41 – 56). It would have been obvious to apply the teaching of Hunt to the system of Ono. One would have been motivated make such a modification to avoid maintaining dialog with the computer reservation system by the client application (Col. 6 Ln. 9 – 11).

As to claim 103, Ono is silent with reference to the customer server sending the transaction to the one or more computer server.

Hunt teaches the customer server sending the transaction to the one or more computer server (Gateway Application 22 Col. 3 Ln. 32 – 62). It would have been obvious to apply the teaching of Hunt to the system of Ono. One would have been motivated make such a modification to provide redundancy (Col. 3 Ln. 55 – 62).

As to claims 104 and 105, see the rejection of claim 77.

**Claims 97 – 99 are rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Pat. No. U.S. Pat. No. 6,496,936 B1 to Ono et al. in view of U.S. Pat. No. Flake et al.**

As to claim 97, Ono is silent with reference to the one or more computer servers as being a system service application server.

Flake teaches the one or more computer servers as a system service application server (Process Server 22 Col. 4 Ln. 26 – 49). It would have been obvious to apply the teaching of Flake to the system of Ono. One would have been motivated to make such a modification in order to process command information (Col. 4 Ln. 26 – 27).

As to claim 98, Ono is silent with reference to the system service application server having administrative tools for regulating the system.

Flake teaches the system service application server as having administrative tools for regulating the system (Administration Component 32 Col. 5 Ln. 13 – 45). One would have been motivated to make such a modification in order to process command information (Col. 4 Ln. 26 – 27).

As to claim 99, Although neither Ono nor Flake explicitly teaches the system service application server as providing administrative reports one of ordinary skill in the art would have known at the time of the invention to implement the administration component 32 to include administrative reporting so that system administrators could monitor and catalog system performance.

### ***Response to Arguments***

4. Applicant's arguments with respect to claims 72 –108 have been considered but are moot in view of the new ground(s) of rejection.

### ***Conclusion***

5. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).



Art Unit: 2126

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

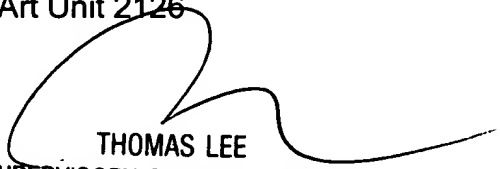
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Charles E Anya whose telephone number is (703) 305-3411. The examiner can normally be reached on M-F (8:30-6:00) First Friday off.

The fax phone number for the organization where this application or proceeding is assigned is (703) 746-7239.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3900.

cea

Charles E Anya  
Examiner  
Art Unit 2126

  
THOMAS LEE  
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